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Application Number	09373403
Filing Date	1999-08-12
First Named Inventor	Arathoon
Art Unit	1642 1643
Examiner Name	Anne L. Holleran
Attorney Docket Number	11669.133USC1

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Art	1	COX, et al., A Directory of Human Germ-line Vx Segments Reveals a Strong Bias in Their Usage Eur. J. Immunol., 1994, 24:827-836	<input type="checkbox"/>
	2	REITER et al., Engineering Interchain Disulfide Bonds into Conserved Framework Regions of Fv Fragments: Improved Biochemical Characteristics of Recombinant Immunotoxins Containing Disulfide-Stabilized Fv Protein Engineering, Vol. 7, No. 5, pp. 697-704, 1994	<input type="checkbox"/>
	3	MARIUZZA RA, et al., The Structural Basis of Antigen-Antibody Recognition Annu. Rev. Biophys. Biophys. Chem. 1987; 16:139-59	<input type="checkbox"/>
	4	GIUSTI AM, et al., Somatic Diversification of S107 from an Antiphosphocholine to an Anti-DNA Autoantibody is Due to a Single Base Change in its Heavy Chain Variable Region Proc. Natl. Acad. Sci. USA. 1987 May; 84(9):2926-2930	<input type="checkbox"/>
	5	CHIEN NC, et al., Significant Structural and Functional Change of an Antigen-Binding Site by a Distant Amino Acid Substitution: Proposal of a Structural Mechanism Proc. Natl. Acad. Sci. USA. 1989 Jul; 86(14): 5532-6	<input type="checkbox"/>
	6	CALDAS C, et al., Humanization of the Anti-CD18 Antibody 6.7: an Unexpected Effect of a Framework Residue in Binding to Antigen Mol. Immunol. 2003 May; 39 (15): 941-952	<input type="checkbox"/>
	7	WILLIAMS ET AL., Cloning and Sequencing of Human Immunoglobulin V1 Gene Segments Eur. J. Immunol., 1993, 23:1456-1461	<input type="checkbox"/>
	8	LUO et al., V1-Linker-Vh Orientation-Dependent Expression of Single Chain Fv Containing an Engineered Disulfide-Stabilized Bond in the framework Regions J. Biochem, 118, 825-831 (1995)	<input type="checkbox"/>
↓	9	NIEBA et al., Disrupting the Hydrophobic Patches at the antibody Variable/Constant Domain Interface: Improved in vivo Folding and Physical Characterization of an Engineered scFv Fragment Protein Engineering, vol. 10, No. 4, pp. 435-444, 1997	<input type="checkbox"/>

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